

lodytes beani; (3) *Dendroica petechia rufivertex*; (4) *Vireosylva cinerea* (= *Virco magister* Salv.); (5) *Virco bairdi*; (6) *Cyclorhis insularis*; (7) *Spindalis benedicti* (= *S. exsul* Salv. sp. n., l. c., pl. v); (8) *Euthia olivacea intermedia*; (9) *Centurus leei* (= *C. dubius* Salv.); (10) *Attila cozumela* (= *Atilla*, sp. ? Salv.); (11) *Lamprolaima thalassinus*; (12) *Chlorostilbon forficatus* (= *C. caniveti* Salv.); (13) *Empidonax gracilis*; (14) *Myiarchus platyrhynchus*; (15) *Cardinalis saturatus*.—J. A. A.

Cory's Birds of Haiti and San Domingo.—Part I of Mr. Cory's 'Birds of Haiti and San Domingo,' published in March, 1884, was noticed in 'The Auk' for July last (Vol. I, p. 285), since which time three additional parts have been issued, completing the work.* The general character of the work is indicated in the notice already cited, where it is stated that it "promises to be a very important contribution to our knowledge of the birds of a hitherto very imperfectly known region." This promise is fully realized, and we heartily congratulate the author on the prompt completion of his very creditable undertaking. Full length figures are given of 17 species, and the heads are figured of 23 other species. A plate is also given of the nest and eggs of *Mimocichla ardesiaca*, and also a map of the Island. About 110 species are treated, of which 32 are peculiar to San Domingo. In the introduction (p. 16) attention is called to the change of the generic name *Ligea*, as originally published, to *Microligea* (see Auk, I, p. 290). The author also calls attention, in the same connection, to the fact that some of the San Domingo forms of species which have a wide extralimital range differ from their representatives obtained elsewhere, as is especially seen in the genera *Speotyto*, *Corvus*, *Ortyx*, etc., but he abstains from naming them as new, preferring "to err in being rather too conservative than otherwise."—J. A. A.

Minor Ornithological Publications.—'Forest and Stream,' Vols. XXII and XXIII, Jan. 31, 1884-Jan. 15, 1885, contains, besides reprints, the following (Nos. 846-963):—

846. *The Ramble of a Naturalist.* By Judge John G. Henderson. *Forest and Stream*, Vol. XXII, Jan. 31, pp. 6, 7.—Chiefly ornithological notes of more or less interest.

847. *An Albino [Green-winged] Teal.* By W. N. B[yers]. *Ibid.*, p. 7.

848. *California Quail in Confinement.* By Nemo (of Texas). *Ibid.*, p. 7.

849. *A fine Rough-leg.* By W. A. Stearns. *Ibid.*, p. 7.—A black example of *Archibuteo lagopus sancti-johannis*, taken at Northampton, Mass.

* The Birds of Haiti and San Domingo. By Charles B. Cory. . . . Estes and Lauriat, Boston, U. S. A., 1885. 4to, pp. 1-198, pll. 23.—Pt. 1, pp. 17-56, pll. 6, March, 1884; Pt. 2, pp. 57-112, pll. 6, July, 1884; Pt. 3, pp. 113-160, pll. 6, Dec., 1884; Pt. 4, pp. 1-6, 160-198, pll. 5, March, 1885.

850. *The Least Bittern*. By T. B. A. *Ibid.*, Feb. 7, p. 25. — Its abundance in New Jersey.

851. *Picoides arcticus in New England*. By Louis A. Zerega. *Ibid.*, p. 25.

852. *Birds and Electric Lights*. By H. B. Chubb. *Ibid.*, p. 26. — List of species picked up at the foot of electric light masts in Cincinnati, O.

853. *The Egret [in New Jersey]*. By T. B. A. *Ibid.*, Feb. 14, p. 44.

854. *The Corn Crake [Crex pratensis] in New York*. By Austin F. Park. *Ibid.*, p. 44. — Taken opposite Troy, Nov. 6, 1883.

855. *Bird Migration*. By W. W. Cooke. *Ibid.*, p. 46. — A call for correspondents in the Mississippi Valley District.

856. *Screech Owls in a Chimney*. By J. L. D[avidson]. *Ibid.*, p. 46.

857. *The English Sparrow*. By Dr. J. B. Holder. *Ibid.*, Feb. 21, p. 66. — Circular of the A. O. U. Committee on the status of this bird in America.

858. *Protect the Small Birds*. By Merlin. *Ibid.*, Feb. 28, p. 83. — Against the 'mania' "for possession of immense series of birds' eggs and skins."

859. *Winter Bird Notes*. *Ibid.*, p. 83. — Short notes on various species from nine contributors.

860. *Some Arizona Quails*. By Adios. *Ibid.*, March 6, p. 103.

861. [*Winter*] *Bird Notes*. *Ibid.*, p. 103. — Short notes from seven contributors.

862. *Evening Grosbeak in Iowa*. By Violet S. Williams. *Ibid.*, p. 104. — A small flock observed at Coralville, Feb. 8 and following days, 1884.

863. *Ortyx Virginianus in Arizona*. *Ibid.*, p. 104. — Short extract from Tucson 'Weekly Citizen.'

864. *Ortyx Virginianus not in Arizona*. By Robert Ridgway. *Ibid.*, March 13, p. 124. — Relates to the preceding (No. 863).

865. [*Winter*] *Bird Notes*. *Ibid.*, p. 124. — Three short notes from different contributors, one recording a Woodcock at Glenville, Conn., on Feb. 22, 1884.

866. [*Winter*] *Bird Notes*. *Ibid.*, March 20, p. 144. — One and a half columns, from various contributors, but chiefly from J. L. D[avidson] of Lockport, N. Y.

867. *Crows*. By Violet S. Williams. *Ibid.*, p. 144. — Novel mode of capture.

868. *Early Breeding of the Horned Lark*. By Bar Lock. *Ibid.*, p. 145. — At Virgil, N. Y. — a young bird taken March 13.

869. *Bird Notes*. *Ibid.*, March 27, p. 165. — March arrivals reported by three observers.

870. *Preservation of Song Birds*. *Ibid.*, April 3, p. 183. — Two articles — the longer one by 'Sialia,' in defence of collecting for scientific purposes.

871. *Stearns's Natural History of Labrador*. By C. Hart Merriam, M. D. *Ibid.*, p. 184. — A criticism of Mr. Stearns's 'Notes on the Natural

History of Labrador' in Proc. U. S. Nat. Mus., 1883, pp. 111-137 (See also Auk, I, p. 284.)

872. *An Interesting Relic*. By P. Bryson Wood, M. D. *Ibid.*, p. 184.—An arrow-head (figured) from the breast of a Swan.

873. *Bird Notes*. *Ibid.*, p. 185.—Short notes of early arrivals from nine contributors.

874. *Bird Notes*. *Ibid.*, April 10, p. 203.—Short notes from nine contributors.

875. *Protecting Song Birds*. By J. C. Cahoon. *Ibid.*, p. 203.—In defence of collecting for scientific purposes. Under the same heading is a protest by 'H. W. C.' against indiscriminate egg-collecting by boys, 'as a business,' but in favor of collecting for 'scientific purposes.'

876. *Shrikes Catch Mice when Thrown in the Air*. By J. L. D[avidson]. *Ibid.*, p. 203.

877. *Stearns's Natural History of Labrador*. By W. A. Stearns. *Ibid.*, April 17, pp. 223, 224.—A reply to Dr. Merriam's criticisms (see above, No. 871).

878. *Southern Limit of Quail and Grouse*. By Forked Deer. *Ibid.*, p. 224.

879. *A Quail New to the United States Fauna*. By Geo. Bird Grinnell. *Ibid.*, April 24, p. 243.—*Oryx graysoni*, "common in Southern Arizona." (See above, Nos. 860, 863, 864, which relate to this species.)

880. *Southern limit of Quail and Grouse*. By Robert Ridgway. *Ibid.*, p. 243.—Relates to No. 878, in which reference is made to the supposed occurrence of *Oryx virginiana* and *Bonasa umbella* in Costa Rica.

881. *Congratulations and Speculations*. By B. Horsford. *Ibid.*, pp. 244, 245.—In part ornithological.

882. *Application of Trinomial Nomenclature to Zoology*. By Dr. Elliott Coues. *Ibid.*, May 1, p. 264.—A paper on this subject "Spoken before the National Academy of Sciences at the stated session held in Washington, April 15-18, 1884, and stenographically reported . . ."

883. *Bird Arrivals at Cleveland, Ohio*. By Sri [= S. R. Ingersoll]. *Ibid.*, p. 265.—Observations extending from Feb. 19 to April 23, 1881.

884. *Upland Plover in Minnesota*. By W. L. Tiffany. *Ibid.*, May 8, pp. 284-285.—Detailed and interesting account of its habits.

885. *The Arrow-Head in the Swan*. By E. W. Nelson. *Ibid.*, p. 285.—The arrow-head (see above, No. 872) identified with those in use by Indians on the Upper Yukon.

886. *The Catbird*. (*Mimus Carolinensis*.) By Wilmot. *Ibid.*, May 15, p. 302.—On its habits.

887. *Crossbills in New Jersey*. By C. B. Riker. *Ibid.*, p. 302.

888. *Decrease of Song Birds*. *Ibid.*, p. 303.—Two notes, relating respectively to Boston and Philadelphia.

889. *Corn Crake* (*Crex pratensis*). By J. Matthew Jones. *Ibid.*, p. 303.—Relates to a specimen taken in 1859 in Newfoundland, and another in the Bermudas in 1847.

890. *Chimney Swallows*. By A. B. F. *Ibid.*, p. 303.

891. *The Couesian Period.* By R. W. Shufeldt, Capt. Med. Corps U. S. A., etc. *Ibid.*, May 22, p. 323. (Continued in following issues.)—A reprint of the 'Historical Review' in Dr. Coues's 'Key,' Second Edition, prefaced by a letter by Dr. Shufeldt, proposing an additional 'Period,' to be called the 'Couesian Period,' in recognition of Dr. Coues's work on North American ornithology.

892. *The Brown Thrush.* (*Harporhynchus Rufus.*) By Wilmot. *Ibid.*, pp. 323, 324.—On its habits.

893. *Bird Migration.* By J. L. Davidson. *Ibid.*, p. 324.—Record for Lockport, N. Y., from April 6 to 30, 1884.

894. *The Baltimore Oriole.* (*Icterus Galbula.*) By Wilmot. *Ibid.*, May 29, pp. 342, 343.—On its habits.

895. *The Willet* [*Symphemia semipalmata*] *Breeding in Delaware Bay.* By Chas. E. Bellows, Ph.G. *Ibid.*, June 5, p. 364.

896. *The Couesian Period?* By Amicus Socrates, amicus Plato, magis amica veritas. *Ibid.*, June 19, p. 384.—The recognition of a 'Couesian Period' deemed premature.

897. *Bird Notes.* *Ibid.*, p. 384.—Three articles, giving reports of arrivals for May, 1884; viz., (1) Onondaga, N. Y., by G. Albert Knapp; (2) Spencerport, N. Y., by L. F. Spencer; (3) Lockport, N. Y., by J. L. Davidson].

898. *A Bit of a Sermon.* By Onondaga. *Ibid.*, June 19, p. 402.—Breeding of Woodcock in New York in July, etc.

899. *North American Birds.* Editorial. *Ibid.*, p. 403.—Review of the first volume of the 'Water Birds of North America' by Baird, Brewer, and Ridgway.

900. *Seasons and Birds of the Prairie.* By H. S. Williams, M. D. *Ibid.*, pp. 403, 404.—An interesting account of the characteristic birds of the prairies.

901. *The Couesian Period.* By R. W. Shufeldt. *Ibid.*, p. 404.—Brief reply to 'Amicus Socrates,' etc. (See above, No. 896.)

902. "*The Couesian Period?*" By Amicus Socrates, amicus Plato, magis amica veritas. *Ibid.*, June 26, p. 423.—Rejoinder to the last-cited paper (No. 901).

903. *Birds and the Electric Light.* *Ibid.*, p. 424.—Extract from the Winona (Minn.) 'Republican' of May 23, 1884, giving account of the destruction of large numbers of birds, killed by striking against electric lights during two nights, May 20 and 21, at Winona, Minn.

904. *Utility of the Crow.* By C. E. B. *Ibid.*, p. 424.

905. *Owl and Steel Trap.* By A. H. G. *Ibid.*, p. 424.—*Bubo virginianus* with a steel trap attached to its claws.

906. *Painted Finch on Long Island.* By A. L. Townsend. *Ibid.*, p. 424.

907. *The Use of Field Glasses* [in Ornithological Studies]. By Bittersweet. *Ibid.*, July 3, p. 443.

908. *Under Water.* By W. D. Z. *Ibid.*, p. 444.—*Tringoides macularius* swimming under water.

909. *Rose-breasted Grosbeaks Abundant* [at Taunton, Mass.]. By J. C. Cahoon. *Ibid.*, p. 444.
910. *Orioles in Massachusetts*. By C. I. Goodale. *Ibid.*, p. 444.—Not decreasing in numbers, etc.
911. *Birds of the Gulf of St. Lawrence*. Editorial. *Ibid.*, July 10, p. 465.—Review of Mr. William Brewster's 'Notes on Birds Observed during a Summer Cruise in the Gulf of St. Lawrence.' (See also Auk, 1, p. 379.)
912. *Destruction of Seafowl*. Editorial. *Ibid.*, July 10, p. 461.—Extracts relating to the subject from Mr. Brewster's paper (see last title), and comment thereon.
913. *Notes on [Massachusetts] Shore Birds*. By Raymond Lee Newcomb. *Ibid.*, July 17, pp. 483, 484.—Valuable notes on the Grallæ.
914. *How Young Birds Are fed*. By O. Widmann. *Ibid.*, p. 484.—Minute observations on the feeding of young Purple Martins (*Progne subis*) by their parents.
915. *The Arizona Quail*. By Adios. *Ibid.*, p. 484.—An offer to send living Arizona Quail to parties in the East desiring to introduce them there.
916. *The Oak Woods Sparrow* (*Pucæa æstivalis illinoensis*). By G. H. Ragsdale. *Ibid.*, p. 484.—As observed near Gainesville, Texas.
917. *A Visit to a Herouery*. By Curtis. *Ibid.*, July 24, p. 506.—Locality, Massachusetts; species, '*Nyctiardea gardeni*.'
918. *Domesticating Quail*. By J. B. B. *Ibid.*, p. 506.—Experiments with *Ortyx virginiana*.
919. *Strange Antics of an Owl*. By C. Hart Merriam, M. D. *Ibid.*, p. 507.
920. *The Humming Bird* (*Trochilus Colubris*). By Wilmot. *Ibid.*, Vol. XXIII, July 31, p. 3.—Its nesting habits.
921. *The Sacrifice of Song Birds* [for *Millinery Purposes*]. Editorial. *Ibid.*, Aug. 7, p. 21.
922. *The Destruction of Small Birds*. Editorial. *Ibid.*, p. 24.—Statistics relating to the appalling magnitude of the millinery trade in bird-skins.
923. *Fruit-eating Birds*. By Byrne. *Ibid.*, p. 24.—Arraignment of the Robin and Catbird.
924. *Grouse of the Pacific Slope*. By Mesatchie. *Ibid.*, p. 24.—Species of, and their distribution.
925. *Rare Birds on Long Island*. By Geo. Bird Grinnell. *Ibid.*, p. 24.—*Porzana jamaicensis*, *Rhynchops nigra*, *Herodias alba egretta*, and *Garzetta candidissima*.
926. *Our Birds in their Haunts*. Editorial. *Ibid.*, Aug. 14, pp. 44, 45.—Review of the work.
927. *The Catbird*. By Wilmot. *Ibid.*, p. 45.—Its defence, against 'Byrne.' (See above, No. 923)
928. *The Greene Smith Ornithological Collection*. Editorial. *Ibid.*, p. 45.

930. *The Crow*. By R. S. Tarr. *Ibid.*, Aug. 21, p. 63. — As observed at Gloucester, Mass.

931. *California [Mountain] Quail in Nebraska*. *Ibid.*, p. 63. — Extract from the Sacramento 'Capital.' Notice of their successful introduction.

932. *Fruit-eating Birds*. By Picket. *Ibid.*, Aug. 28, p. 83. — Statistical table showing contents of stomachs of various species.

933. "*Our Birds in their Haunts*." By J. H. Langille. *Ibid.*, pp. 83, 84. — The author's reply to his critic. (See above, No. 926.)

934. *The Robin as a Game Bird*. By R. T. *Ibid.*, Sept. 4, p. 105.

935. *Fruit-eating Birds*. *Ibid.*, p. 105. — Two articles — (1) by 'Wilmot' against 'Picket,' and (2) by Wakeman Holberton in defence of the Catbird.

936. *Small Bird Destruction*. By Special. *Ibid.*, Sept. 11, p. 123. — 40,000 Tern skins, taken in Massachusetts, sent during the past year to Liverpool for millinery purposes! Comment also on the destruction of Woodpeckers and other small birds, which fall victims to the 'gunning craze.'

937. *A Humming Bird Combat*. By Chas. C. Truesdell, Jr. *Ibid.*, Sept. 18, p. 143.

938. *The Birds Again*. By Picket. *Ibid.*, pp. 143, 144. — Includes an article by T. H. Hoskins, M. D., from the New York 'Examiner,' against fruit-eating birds, and also covers a note by 'Mergus' in reply to 'Wilmot.'

939. *Cardinal Redbird on Long Island*. By Robert B. Lawrence. *Ibid.*, p. 144. — A male, taken Sept. 7, 1884.

940. *Robins and Strawberries*. By Nessmuk. *Ibid.*, Sept. 25, p. 164. — Verdict heavily against the Robin.

941. *Domesticating Quail*. By J. B. B. *Ibid.*, p. 164. — Successful attempts detailed.

942. *The Catbird*. By Wilmot. *Ibid.*, p. 165. — In its defence. Incidentally *Passer domesticus* is arraigned as 'simply immense' on grapes, exceeding in its destruction of this fruit 'anything that wears feathers.'

943. *Where the [Purple] Martins Roost*. By O. Widmann. *Ibid.*, Oct. 2, p. 183. — Many thousands, late in August, roost in the willows below St. Louis, Mo. The article forms a very interesting chapter in this bird's history, hitherto unwritten.

944. *Quail [Breeding] in Confinement*. *Ibid.*, p. 184. — Extract from Ilagerstown, Md., 'News,' detailing further successful attempts at rearing Quail in captivity.

945. *American Ornithologists' Union. Report of Proceedings [of Second Congress]*. *Ibid.*, Oct 5 and 16, pp. 204, 205, 223, 224.

946. *Note on the Ruffed Grouse*. By Manly Hardy. *Ibid.*, p. 208. — A specimen with twenty tail-feathers.

947. "Key to North American Birds." Editorial. *Ibid.*, Oct. 23, p. 288. — Review of the work.

948. *Arizona Quail in Confinement*. By J. B. B. *Ibid.*, Oct. 30, p.

264. — Two pairs of *Lophortyx gambeli* received by the writer at Toledo, Ohio.

929. *Nesting of the Yellow-bellied Woodpecker in Northern New York*. By S. I. Ingersoll. *Ibid.*, p. 45.

949. *Swainson's Warbler Rediscovered (Helmintherus Swainsoni)*. By Elliott Coues. *Ibid.*, Nov. 6, pp. 285, 286. — Account of its habits, based on notes supplied by Arthur T. Wayne, as observed near Charleston, S. C.

950. *Domesticating Wildfowl*. By Fred Mather. *Ibid.*, Nov. 6 and Dec. 4, pp. 286, 366. — Wood Duck, Teal, Widgeon, Pintail, etc.

951. *Black Brant [in Washington Territory]*. By Alki. *Ibid.*, Nov. 13, p. 304.

952. *Bird [Nuthatch] in a Mouse Trap*. By A. H. G. *Ibid.*, Nov. 27, p. 344.

953. *Notes on the Capture of Sea Birds*. By Capt. J. W. Collins. *Ibid.*, Dec. 4 and 11, pp. 364-366, 383-385. — Reprinted from Ann. Rep. Comm. Fish and Fisheries, 1882. (For notice of the original paper see Auk, I, p. 380.)

954. *Acclimation of Foreign Birds [in the United States]*. By J. S. Prout. *Ibid.*, p. 364. — In view of the unsuccessful attempts with the European Quail, Skylark, etc., it is suggested that such birds should be turned out in the South (Florida, Louisiana, Mexico) instead of the North.

955. *Bird Notes*. *Ibid.*, Dec. 11, p. 385. Brief notes from three contributors, the most important item being the record of a Barn Owl captured at Logan, O.

956. *The Migratory Quail*. By G. M. S. *Ibid.*, p. 385. — Birds turned out near Springfield, Mass., 'two years ago,' have reared young and are still there, and there 'to stay.'

957. *Sharp-Tailed and Sea-side Finches*. By Everett Smith. *Ibid.*, Dec. 18, p. 405. — The Sharp-tailed stated to be found as far north as the Tantremar marshes, near the head of the Bay of Fundy. The Seaside is added to the fauna of Maine on the basis of its recent capture at Shark Island.

958. *Quail in Confinement*. By Tenny & Woodward. *Ibid.*, Dec. 25, p. 426. — A brood of five and another of seventeen "hatched last season are still living and in fine condition."

959. *Bird Migration in the Mississippi Valley. Winter Birds of Southern Illinois*. By W. W. Oooke [= Cooke]. *Ibid.*, Jan. 1, 8, 1885, pp. 444, 445, 463, 464. — A formal list of the species, with brief commentary.

960. *Perhaps Nest and Eggs of Regulus Satrapa*. By W. T. Emmet. *Ibid.*, Jan. 1, 1885, p. 445. — Found near Lennoxville, Can., in spring of 1879, and doubtless correctly assigned.

961. *North American Birds. Water Birds, Vol. II*. Editorial. *Ibid.*, Jan. 8, p. 463. — Notice of the work.

962. *The Birds of Michigan*. By Dr. Morris Gibbs. *Ibid.*, Jan. 15, pp. 483, 484. (Continued in following Nos.)

963. *A Mule Bird*. By W. E. D. Scott. *Ibid.*, Jan. 15, p. 484. — A cross between *Colaptes mexicanus* and *C. chrysoides*. (Originally published in the 'Arizona Daily Star,' Tucson, Dec. 16, 1884.)—J. A. A.

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